Claim Amendments

Please cancel claims 3-7, 14-17 and 19, amend claims 2, 13, 18, 21 and 27-29, and add new claims 33-41 as follows:

1. (canceled)

2. (currently amended) A method comprising:

obtaining in a video editing apparatus motion compensated prediction data from decoded video data, the decoded video data comprising residual data indicative of decoded quantized transform coefficients ~~representative of the residual data in a video sequence from a bitstream carrying video data indicative of the video sequence~~;

applying inverse quantization on the decoded quantized transform coefficients for providing a plurality of first transform coefficients;

transforming the motion compensated prediction data in spatial domain for providing a plurality of second transform coefficients; [[and]]

modifying the first transform coefficients for obtaining first modified transform coefficients;

scaling the second transform coefficients for obtaining second modified transform coefficients;

summing the first modified transform coefficients with the second modified transform coefficients for providing summed transform coefficients; and

quantizing the summed transform coefficients for providing further data in a modified bitstream in order to achieve a video effect.

Claims 3-7. (canceled)

8. (previously presented) A method according to claim 2, wherein the video effect comprises an effect of fade-in to a color.

9. (previously presented) A method according to claim 8, wherein the color is black.

10. (previously presented) A method according to claim 8, wherein the color is white.

11. (previously presented) A method according to claim 2, wherein the video effect comprises an effect of fade-in from one color to another color.

12. (previously presented) A method according to claim 2, wherein the video effect comprises an effect of fade-in from color components in color video frames to color components in monochrome video frames.

13. (currently amended) An apparatus comprising:

a predictor configured for obtaining motion compensated prediction data from decoded video data, the decoded video data comprising residual data indicative of decoded quantized transform coefficients;

an inverse quantizer configured to obtain a plurality of first transform coefficients indicative of residual data in transform domain from a bitstream from the decoded quantized transform coefficients;

a transform module configured to transform the motion compensated prediction data in spatial domain for providing a plurality of second transform coefficients;

a modification module configured for modifying the first transform coefficients for obtaining first modified transform coefficients;

a scaling module configured for scaling the second transform coefficients for obtaing second modified transform coefficients;

a summer configured to combine the first modified transform coefficient and the second modified transform coefficients for providing summed transform coefficients; and

a quantizer configured for quantizing the summed transform coefficients for providing editing data indicative of an editing effect with the transform coefficients for providing further data in a modified bitstream.

Claims 14-17. (canceled)

18. (currently amended) An apparatus comprising:

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means for obtaining motion compensated prediction data from decoded video data, the decoded video data comprising residual data indicative of decoded quantized transform coefficients in video data;

means configured to inverse quantize the decoded quantized transform coefficients for obtaining a plurality of first transform coefficients;

means configured to transform the motion compensated prediction data in spatial domain for providing a plurality of second transform coefficients;

means for modifying the first transform coefficients for providing first modified transform coefficients;

means for scaling the second transform coefficients for providing second modified transform coefficients;

means for summing the first modified transform coefficients with the second modified transform coefficients for providing summed transform coefficients;

~~means, responsive to video data indicative of a video sequence, for providing a bitstream indicative of the video data, wherein the video data comprises residual data;~~ and

means, responsive to ~~the bitstream, for obtaining~~ the summed transform coefficients, for quantizing the summed transform coefficients for providing ~~representative of the residual data and combining~~ editing data indicative of an editing effect ~~with the error signal~~ in ~~transform domain for providing~~ a modified bitstream.

19. (canceled)

20. (canceled)

21. (currently amended) An apparatus according to claim 19, wherein the ~~obtaining~~ summing means further ~~comprises a combining module~~ configured for combining a time domain factor to the summed ~~further editing data to the edited~~ transform coefficients for achieving a further editing effect.

22. (previously presented) An apparatus according to claim 18, further comprising an electronic camera for providing a signal indicative of the video data.

23. (previously presented) An apparatus according to claim 18, further comprising means for receiving a signal indicative of the video data.

24. (canceled)

25. (previously presented) An apparatus according to claim 18, further comprising means for storing a video signal indicative of the modified bitstream.

26. (canceled)

27. (currently amended) A computer readable storage medium embodied with a computer program for use in a video editing device for editing a bitstream carrying video data indicative of a video sequence in order to achieve a video effect, wherein the video data comprises residual data in the video sequence, said computer program comprising:

programming code for obtaining in a video editing apparatus motion compensated prediction data from decoded video data, the decoded video data comprising residual data indicative of decoded quantized transform coefficients;

programming code for inverse quantizing the decoded quantized transform coefficients for providing a plurality of first transform coefficients;

programming code for transforming the motion compensated prediction data in spatial domain for providing a plurality of second transform coefficients;

programming code for modifying the first transform coefficients for obtaining first modified transform coefficients;

programming code for scaling the second transform coefficients for obtaining second modified transform coefficients;

programming code for summing the first modified transform coefficients with the second modified transform coefficients for providing summed transform coefficients; and

programming code for quantizing the summed transform coefficients for providing further data in a modified bitstream in order to achieve a video effect

a first code for providing editing data indicative of the video effect; and

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~~a second code for applying the editing data to transformed coefficients representative of the residual data in a transform domain for providing further data in the bitstream~~.

28. (currently amended) A computer readable storage medium according to claim 27, wherein ~~the second code~~ said modifying comprises a multiplication operation for applying a modifying factor indicative of [[the]] editing data to the first transform coefficients.

29. (currently amended) A computer readable storage medium according to claim 27, wherein ~~the second code~~ said scaling comprises a ~~summing~~ multiplication operation for applying a scaling factor indicative of [[the]] editing data to the second transform coefficients.

30. (canceled)

31. (previously presented) A computer readable storage medium according to claim 27, wherein the video effect comprises an effect of fade-in to a color.

32. (previously presented) A computer readable storage medium according to claim 27, wherein the video effect comprises an effect of fade-in from one color to another color.

33. (new) A method according to claim 2, wherein the decoded video data comprises reconstructed video data reconstructed from the residual data of a current frame and the motion compensated prediction data obtained from a previous frame, and wherein a modifying factor for the current frame is used for said modifying, and wherein the modifying factor for the current frame and the modifying factor for the previous frame are used for said scaling.

34. (new) A method according to claim 2, further comprising;

adding a time domain factor to each of the summed transform coefficients prior to said quantizing for achieving an additional video effect.

35. (new) A method according to claim 2, wherein the decoded quantized transform coefficients are obtained from a compressed bitstream, the compressed bitstream comprising motion

information for use in obtaining the motion compensated prediction data from the decoded video data, said method further comprising:

proving the motion information in the modified bitstream.

36. (new) An apparatus according to claim 13, wherein the decoded video data comprises reconstructed video data reconstructed from the residual data of a current frame and the motion compensated prediction data obtained from a previous frame, the modification module configured to use a modifying factor for the current frame for said modifying, and the scaling module configured to use the modifying factor for the current frame and the modifying factor for the previous frame for said scaling.

37. (new) An apparatus to claim 13, wherein a time domain factor is also added to each of the summed transform coefficients prior to said quantizing for achieving an additional editing effect.

38. (new) An apparatus according to claim 13, further comprising:

a demultiplexer for extracting from a compressed bitstream the decoded quantized transform coefficients and motion information for use in obtaining the motion compensated prediction data from the decoded video data; and

a multiplexer for providing the motion information in the modified bitstream.

39. (new) An apparatus according to claim 18, wherein the decoded video data comprises reconstructed video data reconstructed from the residual data of a current frame and the motion compensated prediction data obtained from a previous frame, wherein the modifying means is configured to use a modifying factor for the current frame for modifying the first transform coefficients, and the scaling means is configured to use the modifying factor for the current frame and the modifying factor for the previous frame for scaling the second transform coefficients.

40. (new) An apparatus according to claim 18, further comprising:

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means for extracting from a compressed bitstream the decoded quantized transform coefficients and motion information for use in obtaining the motion compensated prediction data from the decoded video data; and

means for providing the motion information in the modified bitstream.

41. (new) A computer readable storage medium according to claim 27, wherein the decoded video data comprises reconstructed video data reconstructed from the residual data of a current frame and the motion compensated prediction data obtained from a previous frame, wherein a modifying factor for the current frame is used for modifying the first transform coefficients, and wherein the modifying factor for the current frame and the modifying factor for the previous frame are used for scaling the second transform coefficients.